

Report Date: 02 Feb 2013

Summary Report for Individual Task
113-609-2053
Operate Automated Net Control Device (ANCD) AN/CYZ-10
Status: Approved

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Condition: As a radio operator in a field environment, given data transfer device AN/CYZ-10(C) and TB 11-5820-890-12 and TM 11-5820-890-10-8. Given a requirement to operate the AN/CYZ-10. The student will be aware of Contemporary Operational Environment factors such as extreme temperature differences, unstable political state and hostile locals are of the essence to maintain vital communications. This task should not be trained in MOPP.

Standard: Performs in sequence the transfer of communications security (COMSEC) keys and signal operating instructions (SOI) information from ANCD to ANCD; loads single-channel ground and airborne radio system (SINCGARS) radio with COMSEC variables using ANCD; and obtain SOI information from ANCD. Correct all errors within 15 minutes, while observing the Contemporary Operational Environment.

Special Condition: None

Special Standards: None

Special Equipment: None

MOPP: Never

Task Statements

Cue: Given the mission to operate the AN/CYZ-10.

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Transfer COMSEC keys and SOI information from the ANCD to the ANCD.
 - a. Turn on both ANCDs.
 - b. Make the main menu selection (ANCD).
 - c. Make the source ANCD menu selections.
 - d. Make the target ANCD menu selections
 - e. Transfer data from the source ANCD to the target ANCD.
 - f. Turn OFF/disconnect the ANCDs.
2. Load the radio from the ANCD using Mode 2 fill.
 - a. Turn the radio and ANCD power ON.
 - b. Make the main menu selection on ANCD.
 - c. Make the application menu selection on ANCD.
 - d. Set the controls of the radio and connect the ANCD with the fill cable.
 - e. Transfer Mode 2 fill from the ANCD to the radio.
 - f. Disconnect the ANCD from the radio and turn the ANCD power off.
3. Obtain SOI information from the ANCD.
 - a. Turn the ANCD power ON.
 - b. Make the main menu selection.
 - c. Make the SOI menu selection.
 - d. Turn the ANCD power OFF.
4. Perform preventive maintenance checks and services (PMCS) on the ANCD.
 - a. Make a visual inspection of the ANCD.
 - b. Check the battery.
 - c. Check the fill port /CIK port.
 - d. Record the entries on DA Form 2404 (Equipment Inspection and Maintenance Worksheet).

(Asterisks indicates a leader performance step.)

Evaluation Preparation:

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Transferred COMSEC data and SOI information from ANCD to ANCD.			
2. Loaded the radio from the ANCD using Mode 2 fill.			
3. Obtained SOI information from the ANCD.			
4. Performed PMCS on the ANCD.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	TB 11-5820-890-12	(Rescinded for Active Army) OPERATOR AND UNIT MAINTENANCE FOR AN/CYZ-10 AUTOMATED NET	Yes	No
	TM 11-5820-890-10-8	Operator's Manual for SINCGARS Ground Combat Net Radio, ICOM Manpack Radio, AN/PRC-119A, Short Range Vehicular Radio AN/VRC-87A, Short Range..... Multiplexer (FHMUX) (Item also produced in electronic media and included on EM 0071).	Yes	No

Environment: NOTE; It is the responsibility of all Soldiers and DA Civilians to protect the environment from damage.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. Use extreme caution when using lithium batteries. They contain pressurized sulfur dioxide gas, which is toxic. Batteries MUST NOT be abused in a manner that may cause the battery to rupture. DO NOT recharge lithium batteries.

Advise students to use caution when operating electronic equipment.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
113-587-1064	Prepare SINCGARS (Manpack) for Operation	113 - Signal (Individual)	Analysis
113-587-2072	Operate SINCGARS Frequency Hopping (FH) Net Control Station (NCS)	113 - Signal (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
441-096-1180	Initialize Encryption Device KY-99	441 - Air Defense (Individual)	Analysis
441-096-1179	Initialize Encryption Device KG-84(*)/KVI-7	441 - Air Defense (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
11-6-8107	Troubleshoot a Combat Network Radio Voice/Data Network	11 - Signal (Collective)	Approved

11-5-0102	Operate a Single Channel Voice Radio Station (FM)	11 - Signal (Collective)	Approved
11-2-0302	Establish a Single Channel Voice Radio Net	11 - Signal (Collective)	Approved
11-6-8151	Troubleshoot Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-6-7314	Operate the Digital Communications Satellite Subsystem (DCSS) (Non-STEP) (Strat Sig Co)	11 - Signal (Collective)	Approved
11-6-8251	Troubleshoot Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-6-8106	Maintain a Combat Network Radio Voice / Data Network	11 - Signal (Collective)	Approved
11-2-0002	Prepare for Deployment	11 - Signal (Collective)	Approved
11-5-0203	Establish the Enhanced Position Location Reporting System Very High Speed Integrated Circuit (EPLRS VHSIC) Network Control Station (NCS) Operating Site	11 - Signal (Collective)	Reviewed
11-6-7316	Operate the Satellite Communications Terminal AN/TSC-86 (Strat Sig Co)	11 - Signal (Collective)	Approved
11-6-8150	Maintain Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-3-0214	Establish a Single Channel Voice Radio Net	11 - Signal (Collective)	Approved
11-6-8250	Maintain Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-6-8248	Plan a Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-6-7313	Operate the Satellite Communications (SATCOM) Terminal AN/GSC-52A(V) (Medium) (Strat Sig Co)	11 - Signal (Collective)	Approved
11-5-0014	Operate the Enhanced Position Location Reporting System (EPLRS)	11 - Signal (Collective)	Approved
11-1-0002	Perform S-6/G-6 Staff Operations	11 - Signal (Collective)	Approved
07-5-1609	Prepare a Communication Annex (LRS)	07 - Infantry (Collective)	Analysis
11-6-7137	Conduct Signal Brigade S3 Activities	11 - Signal (Collective)	Approved
11-6-7299	Operate a Single Channel Radio System (All Units)	11 - Signal (Collective)	Approved
11-1-6710	Establish Command Post (CP) Activities	11 - Signal (Collective)	Approved
11-null-0000	Created from Template: Perform S-6/G-6 Staff Operations	11 - Signal (Collective)	Proposed
11-6-7368	Operate Special Operations Force (SOF) Single Channel Radio Systems (Sp Ops Sig Bn)	11 - Signal (Collective)	Analysis
11-6-8350	Maintain Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-6-7315	Operate the Satellite Communications Terminal AN/GSC-49(V) (Strat Sig Co)	11 - Signal (Collective)	Approved
11-6-8148	Plan a Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-6-8050	Maintain Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-5-1102	Operate a Single Channel Ground and Airborne Radio System (SINCGARS) Frequency Hopping (FH) Net	11 - Signal (Collective)	Approved
11-6-8007	Troubleshoot a Combat Network Radio Voice/Data Network	11 - Signal (Collective)	Approved

11-6-8049	Establish Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-6-8348	Plan a Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-6-7102	Conduct Signal Battalion S3 Activities	11 - Signal (Collective)	Approved
11-6-8149	Establish Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-1-6218	Establish Tactical Messaging System (TMS) Network	11 - Signal (Collective)	Approved
11-1-0002	Created from Template: Perform S-6/G-6 Staff Operations	11 - Signal (Collective)	Proposed
11-6-8048	Plan a Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-6-1302	Establish a SINCGARS ASIP Frequency Hopping (FH) Net	11 - Signal (Collective)	Approved
11-6-8249	Establish Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved
11-6-8051	Troubleshoot Enhanced Position Location Reporting System (EPLRS) Network	11 - Signal (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
Armor 2LT	Officer	AOC: 19B, Rank: 2LT
Cavalry Scout, SL1	Enlisted	MOS: 19D, Skill Level: SL1
M1 Armor Crewman, SL1	Enlisted	MOS: 19K, Skill Level: SL1
MOS 25C - Radio Operator-Maintainer - SL1	Enlisted	MOS: 25C, Skill Level: SL1
19A Officer Lieutenant, Version 1.00	Officer	AOC: 19A, Rank: 1LT
19K10 Armor Crewman, Version 1.00	Enlisted	MOS: 19K, Skill Level: SL1
19D10 Calvary Scout, Version 1.00	Enlisted	MOS: 19D, Skill Level: SL1
11B10, Infantryman - Version 1.00	Enlisted	MOS: 11B, Skill Level: SL1
11A Officer Lieutenant, Version 1.00	Officer	AOC: 11A, Rank: 1LT
12C Critical Task List - Skill Level 1	Enlisted	MOS: 12C, Skill Level: SL1
19K10 Armor Crewman, Version 1.00	Enlisted	MOS: 19K, Skill Level: SL1